

Listing of the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

1. (Currently Amended) A separation cartridge comprising:
a baffle including
a plurality of substantially S-shaped baffle members; and
a frame configured to hold the baffle members substantially parallel to each other;
and
another separation medium positioned parallel to the baffle;
wherein the separation cartridge is configured to separate an oleo substance from an air stream in a kitchen hood system.
2. (Previously Presented) The separation cartridge of claim 1, wherein the another separation medium includes a bed of particles.
3. (Previously Presented) The separation cartridge of claim 1, wherein the plurality of baffle members form a plurality of channels, each channel having a single entry opening and a single exit opening.
4. (Previously Presented) The separation cartridge of claim 1, wherein the separation cartridge includes a mesh filter.
5. (Previously Presented) The separation cartridge of claim 1, wherein the plurality of baffle members have rounded edges.
6. (Currently Amended) A separation cartridge comprising:
a baffle including a plurality of substantially S-shaped baffle members positioned in a substantially parallel relationship to each other; and
another separation medium;

wherein the separation cartridge is configured to separate an oleo substance from an air stream in a kitchen hood ~~system~~; system;

wherein the separation cartridge is configured so that the air stream passes through the baffle and the another separation medium in series.

7. (Previously Presented) The separation cartridge of claim 6, wherein the separation cartridge is configured to be mounted in a kitchen hood.

8. (Previously Presented) The separation cartridge of claim 6, wherein the plurality of baffle members have rounded edges.

9. (Previously Presented) The separation cartridge of claim 6, wherein the another separation medium includes a mesh filter.

10-15. (Canceled)

16. (Previously Presented) A baffle for removing an oleo substance from an air stream in a kitchen hood system comprising:

a plurality of baffle members positioned substantially parallel to each other and extending between a first side of the baffle and a second side of the baffle, the plurality of baffle members defining a plurality of channels each comprising a single entry opening and a single exit opening, the plurality of baffle members having rounded edges;

wherein the minimum amount the oleo substance must be deflected to pass through each of the plurality of channels is at least approximately 180 degrees; and

wherein the baffle is configured to separate the oleo substance from the air stream in the kitchen hood system.

17. (Previously Presented) The baffle of claim 16, wherein the baffle members are substantially S-shaped.

18. (Canceled)

19. (Previously Presented) The baffle of claim 16, wherein the minimum amount the substance must be deflected to pass through each of the plurality of channels is at least approximately 200 degrees.
20. (Previously Presented) A separation cartridge comprising:
a baffle including a plurality of baffle members each of which has rounded edges; and
another separation medium;
wherein the separation cartridge is configured to separate an oleo substance from an air stream in a kitchen hood system.
21. (Previously Presented) The separation cartridge of claim 20, wherein the radius of the rounded edges is at least approximately 1.5 times the thickness of the baffle members.
22. (Previously Presented) The separation cartridge of claim 20, wherein the another separation medium includes a bed of particles.
23. (Previously Presented) The separation cartridge of claim 20, wherein the rounded edges are made by folding the baffle members over on themselves.
24. (Previously Presented) A baffle comprising a plurality of substantially S-shaped baffle members each of which has rounded edges, the baffle being configured to separate an oleo substance from an air stream in a kitchen hood system.
25. (Previously Presented) The baffle of claim 24, wherein the baffle is configured so that the minimum amount a substance must be deflected to pass through the baffle is at least approximately 180 degrees.
26. (Previously Presented) A separation cartridge comprising:
a baffle including a plurality of substantially S-shaped baffle members;
a mesh filter; and
a bed of particles;

wherein the separation cartridge is configured to separate an oleo substance from an air stream in a kitchen hood system.

27. (Previously Presented) The separation cartridge of claim 26, wherein the mesh filter is positioned between the baffle and the bed of particles.

28. (Previously Presented) A baffle comprising:
a plurality of baffle members defining a plurality of channels, each channel being configured to deflect an air stream in a kitchen hood system as the air stream passes through the channel;

a frame configured to hold the baffle members in a substantially parallel relationship to each other; and

a plurality of particles positioned inside the channels.

29. (Previously Presented) The baffle of claim 28, wherein the particles include inorganic particles.

30. (Previously Presented) The baffle of claim 28, wherein the particles are porous.

31-38. (Canceled)

39. (Previously Presented) The separation cartridge of claim 6, wherein the baffle and the another separation medium are positioned immediately adjacent to or in contact with each other.

40. (Previously Presented) A separation cartridge comprising the baffle recited in claim 16 and a bed of particles.

41. (Previously Presented) The separation cartridge of claim 20, wherein the baffle and the another separation medium are positioned immediately adjacent to or in contact with each other.

42. (Previously Presented) The baffle of claim 24, wherein the plurality of baffle members define a plurality of channels each of which has a single entry opening and a single exit opening.

43. (Previously Presented) A separation cartridge comprising the baffle recited in claim 24 and a bed of particles.

44. (Previously Presented) The kitchen hood of claim 32, comprising a mesh filter positioned in the kitchen hood.

45. (Previously Presented) The kitchen hood of claim 32, wherein the plurality of baffle members have rounded edges.

46. (Previously Presented) The kitchen hood of claim 32, comprising a separation cartridge that includes the baffle and the bed of particles, the separation cartridge being mounted in the kitchen hood.

47. (Previously Presented) A kitchen hood comprising:
a baffle including a plurality of baffle members each of which has rounded edges, the plurality of baffle members being substantially S-shaped; and
a bed of particles;
wherein the baffle and the bed of particles are positioned in the kitchen hood.

48. (Previously Presented) The kitchen hood of claim 47, comprising a separation cartridge that includes the baffle and the bed of particles, the separation cartridge being mounted in the kitchen hood.

49. (Canceled)

50. (Previously Presented) A separation cartridge comprising:
a baffle including a plurality of baffle members each of which has rounded edges; and
a bed of particles;
wherein the separation cartridge is configured to separate an oleo substance from an air stream in a kitchen hood system.

51. (Previously Presented) The separation cartridge of claim 50, wherein the plurality of baffle members are substantially S-shaped.
52. (Previously Presented) The separation cartridge of claim 50, comprising a mesh filter.
53. (Previously Presented) The separation cartridge of claim 50, wherein the minimum amount a substance must be deflected to pass through the baffle is at least approximately 180 degrees.
54. (Previously Presented) The separation cartridge of claim 50, wherein the baffle and the bed of particles are positioned immediately adjacent to or in contact with each other.
55. (Previously Presented) A separation cartridge comprising:
a baffle including a plurality of substantially S-shaped baffled members; and
a bed of particles;
wherein the separation cartridge is configured to separate an oleo substance from an air stream in a kitchen hood system.
56. (Previously Presented) The separation cartridge of claim 55, comprising a mesh filter.
57. (Previously Presented) The separation cartridge of claim 55, wherein the baffle and the bed of particles are positioned immediately adjacent to or in contact with each other.
- 58-59. (Canceled)